

## **ABSTRACT OF THE DISCLOSURE**

A composite piezoelectric transducer of the present invention includes a plurality of arranged piezoelectric elements, and dielectric portions positioned between the plurality of piezoelectric elements. In the composite piezoelectric transducer, an area of a cross-section perpendicular to an ultrasonic emitting direction in at least one piezoelectric element of the plurality of piezoelectric elements varies along the ultrasonic emitting direction.